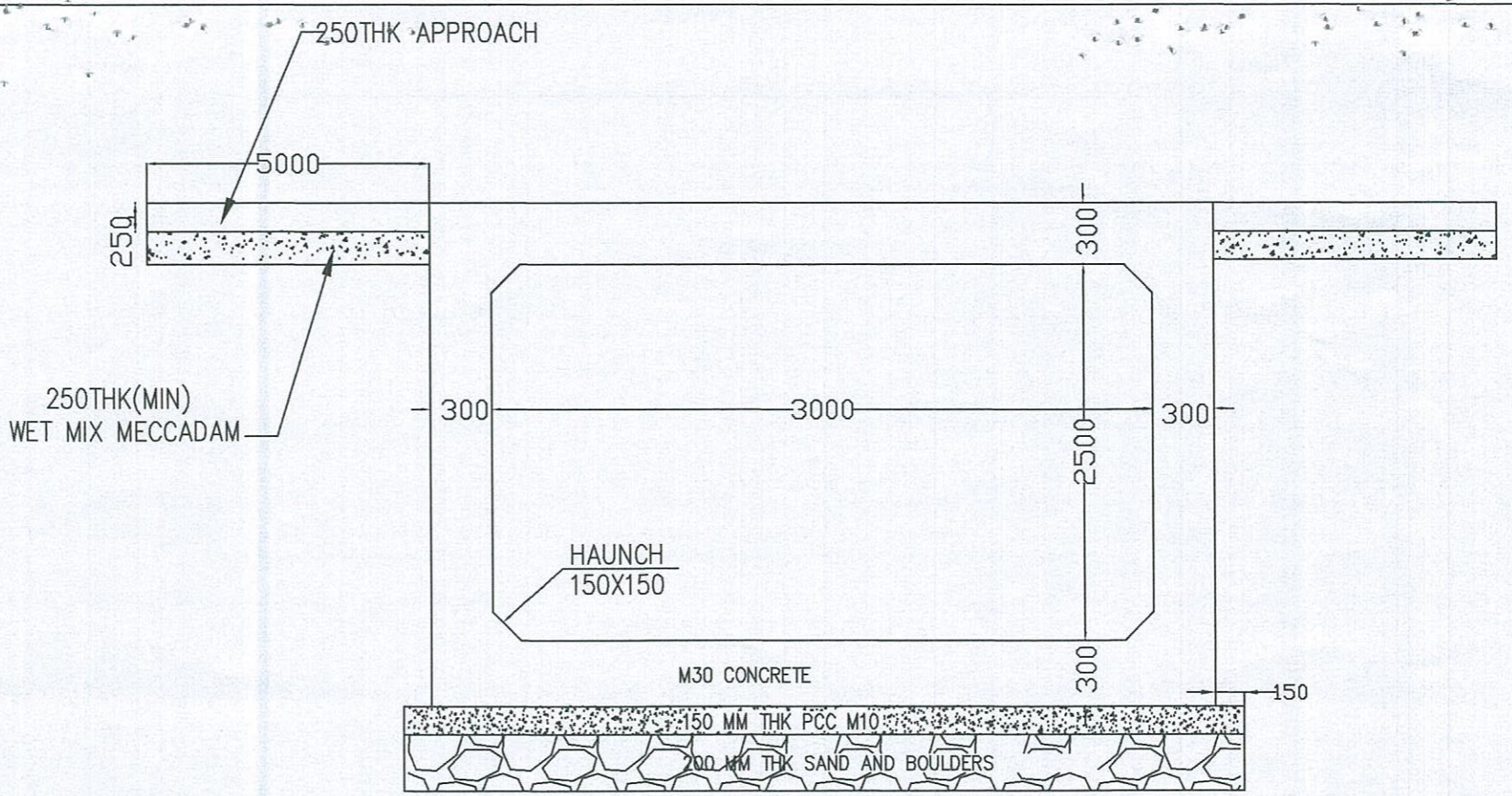
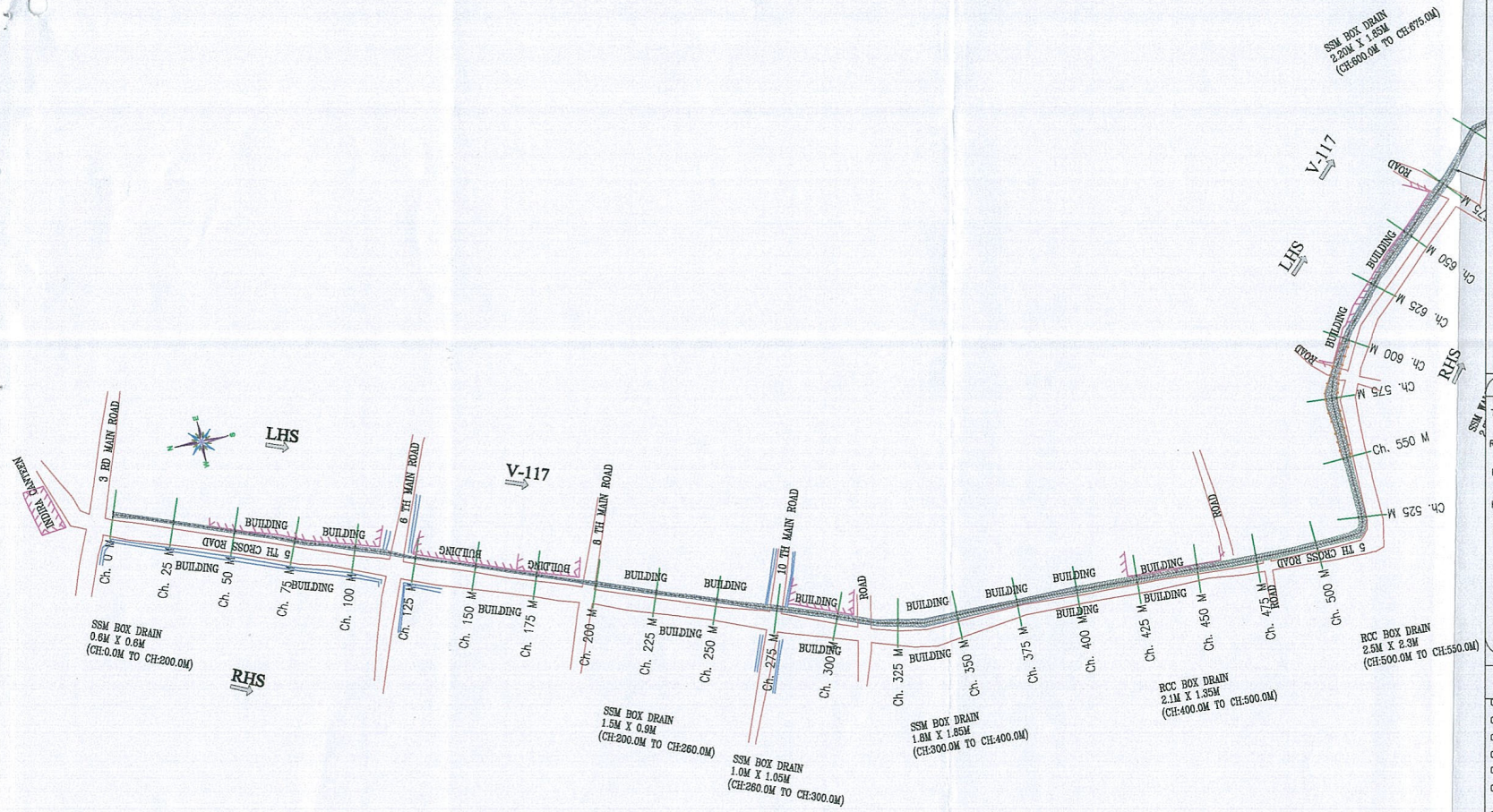


C/S OF RCC BOX CULVERT

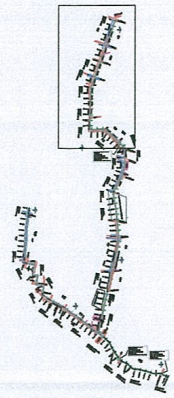
NOTES:-

* THIS DRAWING INDICATES THE GENERAL DETAILS OF BOX CULVERT
* ALL DIMENSION ARE IN MM AND LEVELS ARE IN METERS.
* DIMENSION ARE NOT TO BE SCALED.WRITTEN DIMENSION SHALL BE FOLLOWED.
* GRADE OF CONCRETE FOR PCC SHALL BE M-15 UNLESS OTHERWISE SPECIFIED.
* GRADE OF CONCRETE FOR RCC SHALL BE M-30.

CLIENT:- BRUHATH BANGALORE MAHANAGARA PALIKE Name of work:- Construction of RCC Box Drain and Culvert (near New Cambridge English School) V-117 in Hoshahalli Ward in ward No 146	CONSULTANT: SHIPRAMA CONSULTING ENGINEERS Pvt. Ltd., Gangabal kangal Road, Sir M Vishveshwaraiah Layout, 8th extension block,Gkokdakanahalli,maddiyanapalya main road, Annapurneshwari nagar Bangalore,karnataka-560091 Ph: 23241948, CELL: 9964339688, E-mail: shiprama0808@gmail.com	CONSULTANT	ASSISTANT ENGINEER South Zone, SWD BBMP, BANGALORE	ASSI.EXECUTIVE ENGINEER South Zone, SWD BBMP, BANGALORE	EXECUTIVE ENGINEER South Zone, SWD BBMP, BANGALORE	CHIEF ENGINEER SWD BBMP, BANGALORE	SCALE: DWG NO: 1 NOTE:- THIS DRAWING IS THE PROPERTY OF SHIPRAMA CONSULTING ENGINEERS IT SHOULD NOT BE USED, COPIED OR REPRODUCED WITHOUT OUR WRITTEN PERMISSION



KEY PLAN



LEGEND

TBM, GATE WALL

ROAD, STORM WATER DRAIN, SSM/RETAINING WALL

BUILDING, TEMPLE, MUSJID, TRANSFORMER

HIGH TENSION LINE, ELECTRICPOLE, TREE

MANHOLE, CULVERT, BRIDGE

FENCE, LAKE

SLAB COVERED DRAIN, RAILWAY LINE

BUND, BOREWELL, WATER TANK, HANDPUMP

NOTES:–

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05. TO BE READ IN CONJUNCTION WITH RELEVANT DESIGN REPORTS AND DRAWINGS
06. GROUND LEVEL INDICATED IN THE DRAWING IS THE LOWEST LEVEL EITHER ON L.H.S/R.H.S OF THE DRAIN
07. FOR DETAILS REGARDING DRAIN WIDENING,ALIGNMENT MODIFICATION,SERVICE ROAD FORMATION ETC., RELEVENT REPORTS, STRIP PLAN & DRAWINGS TO BE REFERED.
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09. EXPANSION JOINTS TO BE PROVIDED AT EVERY 20m.INTERVEL FOR RCC BOX DRAIN, RCC RETAINING WALL, DRAIN BED ETC.
10. PROPER CARE SHOULD BE TAKEN FOR DRAIN ADJOINING STRUCTURES, WHILE EXECUTING THE WORK.
11. DISCREPANCIES IF ANY, OWING TO SITE CONDITIONS SHALL BE BROUGHT TO THE NOTICE OF ENGINEER–IN–CHARGE BEFORE EXECUTION.
12. AFTER DESILTING,CAVITIES TO BE FILLED,ERODED STONES TO BE RESTORED,POINTING & PLASTERING TO BE PROVIDED ON BOTH SIDES AS PER THE PROPOSALS SUGGESTED IN THE REPORT

LEGENDS

RCC DRAIN	
RCC CULVERT	
SSM CULVERT	
EARTHEN DRAIN	
SSM DRAIN	
ROAD SIDE DRAIN	

V-117

CLIENT:-
BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- **Construction of RCC Box Drain and Culvert (near New Cambridge English School) V-117 in Hoshahalli Ward in ward No 146**

CONSULTANT :

SHIPRAMA CONSULTING ENGINEERS PVT.LTD
Add: Site No–1048, 8th Extension Block, Vishweshwaraya Layout, Bangalore–560056 Cell: 09964339888
E–mail: shiprama888@gmail.com

SHIPRAMA Consulting Engineers Pvt Ltd. Bangalore

CONSULTANT

ASSISTANT. ENGINEER
SOUTH ZONE
SWD BBMP

ASST.EXECUTIVE ENGINEER
SOUTH ZONE
SWD BBMP

EXECUTIVE ENGINEER
SOUTH ZONE
SWD BBMP

CHIEF ENGINEER
SWD BBMP

SCALE: 1:2000

SHEET NO: 1

NOTE :-

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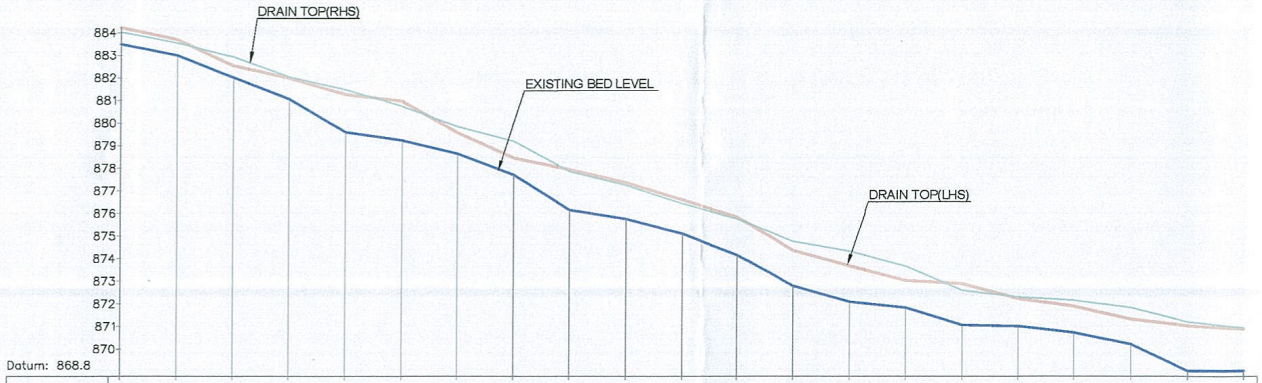
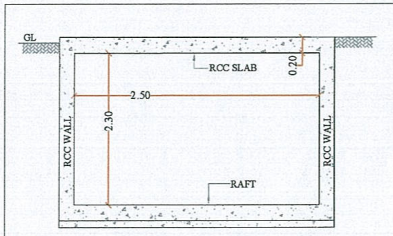
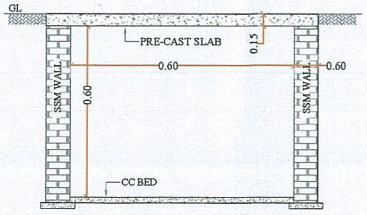


RHS GROUND. LEVEL IN M	884.028	883.538	882.924	882.033	881.468	880.741	879.838	879.196	877.848	877.236	876.435	875.752	874.715	874.333	873.658	872.595	872.306	872.156	871.830	871.202	870.941
LHS GROUND. LEVEL IN M	884.229	883.690	882.532	881.986	881.253	880.968	879.568	878.458	877.944	877.356	876.598	875.835	874.365	873.685	873.035	872.895	872.236	871.895	871.325	871.036	870.899
EXISTING BED LEVEL IN M	883.484	882.987	882.016	881.053	879.586	879.231	878.636	877.707	876.151	875.748	875.099	874.156	872.797	872.093	871.833	871.060	871.015	870.727	870.215	869.039	869.039
CHAINAGE	0.000	25.000	50.000	75.000	100.000	125.000	150.000	175.000	200.000	225.000	250.000	275.000	300.000	325.000	350.000	375.000	400.000	425.000	450.000	475.000	500.000

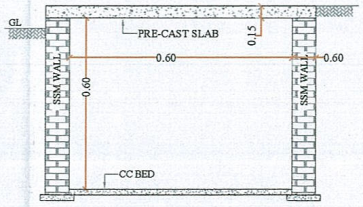
LONGITUDINAL SECTION OF V–117 AT CH:0.00M TO 500.00M
SCALE:H–1000,V–100



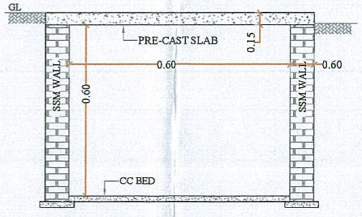
CROSS SECTION OF EXISTING RCC BOX DRAIN
AT CH : 500.00 M



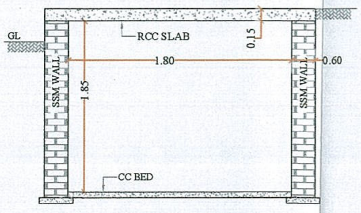
CROSS SECTION OF EXISTING SSM BOX DRAIN
AT CH : 0.00M



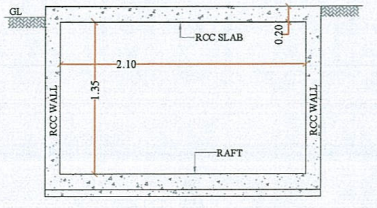
CROSS SECTION OF EXISTING SSM BOX DRAIN
AT CH : 100.00M



CROSS SECTION OF EXISTING SSM BOX DRAIN
AT CH : 200.00M



CROSS SECTION OF EXISTING SSM BOX DRAIN
AT CH : 300.00M



CROSS SECTION OF EXISTING RCC BOX DRAIN
AT CH : 400.00 M

CLIENT:-
BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-

V-117

Construction of RCC Box Drain and Culvert (near New Cambridge English School) V-117 in Hoshahalli Ward in ward No 146

CONSULTANT :

SHIPRAMA CONSULTING ENGINEERS PVT LTD
1048, 8th Block Extension, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli Bangalore-560091.
Tell : 080-29554444 Cell: 09964339888
Email: shiprama888@gmail.com

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

CONSULTANT

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SOUTH ZONE
SWD, BBMP

EXECUTIVE ENGINEER
SOUTH ZONE
SWD, BBMP

CHIEF ENGINEER
SWD, BBMP

SCALE:

SHEET-01

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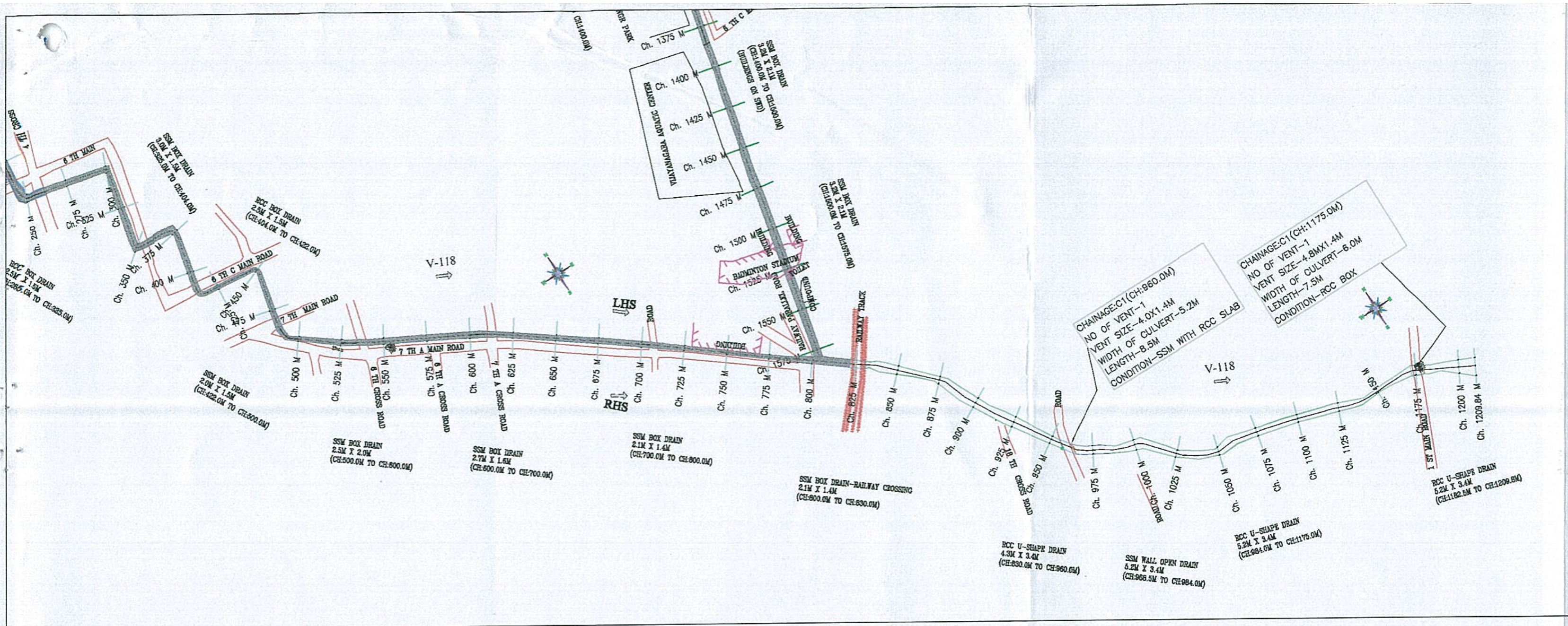
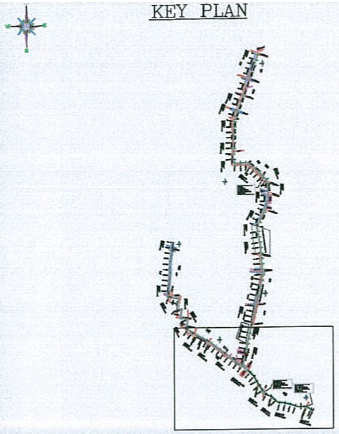


KEY PLAN



LEGEND

- TBM, GATE WALL
- ROAD, STORM WATER DRAIN, SSM/RETAINING WALL
- BUILDING, TEMPLE, MUSJID, TRANSFORMER
- HIGH TENSION LINE, ELECTRICPOLE, TREE — HT LINE
- MANHOLE, CULVERT, BRIDGE — MH, BRIDGE
- FENCE, LAKE — LAKE
- SLAB COVERED DRAIN, RAILWAY LINE
- BUND, BOREWELL, WATER TANK, HANDPUMP — BUND, BW

NOTES:-

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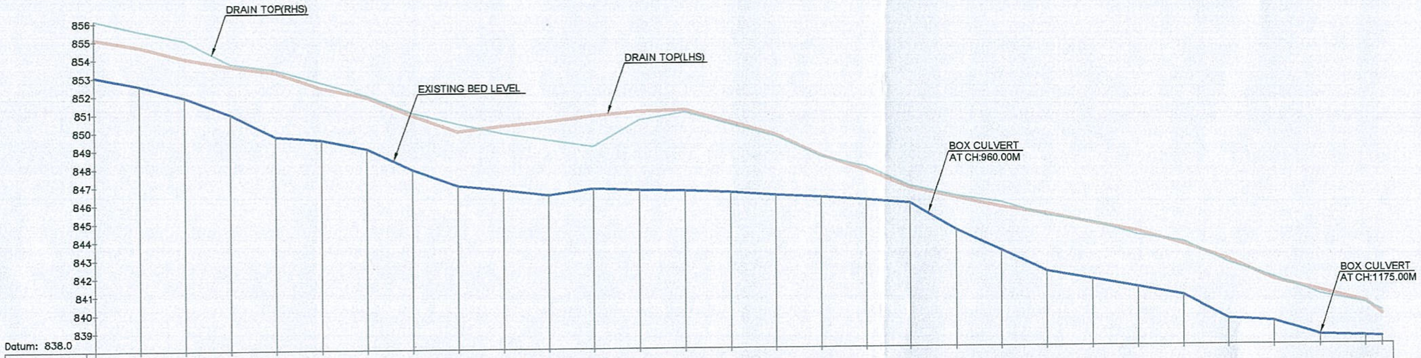
LEGENDS

- RCC DRAIN
- RCC CULVERT
- SSM CULVERT
- EARTHEN DRAIN
- SSM DRAIN
- ROAD SIDE DRAIN



DISTANCE	RHS GROUND. LEVEL IN M	LHS GROUND. LEVEL IN M	EXSISTING LEVEL IN M
500.000	856.145	855.123	853.042
525.000	855.554	854.685	852.559
550.000	855.036	854.039	851.911
575.000	853.747	853.589	850.974
600.000	853.379	853.241	849.715
625.000	852.670	852.366	849.523
650.000	851.945	851.855	849.022
675.000	850.998	850.835	847.866
700.000	850.363	849.953	846.975
725.000	849.821	850.235	846.728
750.000	849.441	850.469	846.423
775.000	849.073	850.768	846.770
800.000	850.523	850.986	846.685
825.000	850.936	851.061	846.623
850.000	850.254	850.360	846.521
875.000	849.587	849.685	846.365
900.000	848.469	848.521	846.236
925.000	847.873	847.663	846.063
950.000	846.798	846.697	845.856
975.000	846.235	846.124	844.368
1000.000	845.865	845.623	843.245
1025.000	845.123	845.227	842.080
1050.000	844.756	844.695	841.617
1075.000	844.026	844.235	841.175
1100.000	843.658	843.521	840.746
1125.000	842.489	842.658	839.425
1150.000	841.684	841.544	839.263
1175.000	840.726	840.940	838.515
1200.000	840.235	840.324	838.425
1209.000	839.821	839.624	838.385

LONGITUDINAL SECTION OF V–118 AT CH:500.00M TO 1209.00M
SCALE:H–1000,V–100

V-118

CLIENT:-
BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- **Construction of RCC Box Drain and Culvert (near Holy Angels High School & Hampi Nagar Post Office) in Hampinagar Ward in ward No 147**

CONSULTANT :

SHIPRAMA CONSULTING ENGINEERS PVT.LTD
Add: Site No–1048, 8th Extension Block, Vishweshwarayya Layout, Bangalore–560056 Cell: 09964339888
E-mail: shiprama888@gmail.com

SHIPRAMA Consulting Engineers PVT LTD Bangalore

CONSULTANT

ASSISTANT. ENGINEER SOUTH ZONE SWD BBMP

ASSt.EXECUTIVE ENGINEER SOUTH ZONE SWD BBMP

EXECUTIVE ENGINEER SOUTH ZONE SWD BBMP

CHIEF ENGINEER SWD BBMP

SCALE: 1:3000

SHEET NO: 2

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